CyberPower

SMART APP SERIES

PR2200LCDRTXL2U

The PR2200LCDRTXL2U UPS systems offers advanced pure sine wave power protection for corporate servers, professional A/V systems, network hardware and telecom equipment.

Recommended for mission-critical servers, telecom, VoIP and networking equipment.

- GreenPower UPS™
- 2150VA /1650Watts
- 8 Outlets
- 2U Rack/Tower convertible
- Multi-function rotatable LCD
- Manage Remotely
- USB/ Serial/EPO ports
- EMI/RFI filters

Runtimes:
CyberPower extended runtime (XL) models allows for the addition of up to ten (10) BP48V75ART2U external battery packs to increase the runtime of the unit. The battery packs are easy to plug-in and can be "hot-swapped" to maintain system uptime during normal UPS maintenance.

5 Minutes at Full-load
14 Minutes at Half-load

CyberPower's patented GreenPower UPS™ technology reduces UPS energy costs up to 75%! Save money and help reduce carbon emissions.

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The CyberPower Smart App Sinewave PR2200LCDRTXL2U uninterruptible power supply (UPS) safeguards mission-critical servers, telecom equipment, VoIP and internetworking hardware that require seamless pure sine wave power. Its full automatic voltage regulation (AVR) boost/buck topology delivers a consistent and clean AC power, protecting connected equipment and preventing costly business interruptions. Patented GreenPower UPS™ advanced circuitry reduces UPS energy costs by up to 75% compared to competitive models.

The PR2200LCDRTXL2U unit has a capacity of 2150VA/1650Watts, eight (8) battery and surge protected NEMA 5-20R receptacles, including four (4) fail-safe outlets for critical loads. This UPS has four (4) maintenance-free, user-replaceable 12V/9Ah batteries. The rotatable front LCD panel displays all major UPS vitals for ease of use. This unit offers connectivity via one (1) HID USB, two (2) DB9 serial and one (1) emergency power off (EPO) port. Protection for phone/network (RJ11/RJ45) and cable/coax (RG-6) is included. EMI/RFI filters increase the immunity of the load to noise disturbances.

Pure Sine Wave: When operating on battery, the Smart App Sinewave UPS outputs power with a pure sine wave that is identical to or cleaner than the power from the utility company grid, free of harmonic distortion and electrical noise, resulting in optimal line clarity.

Extended Runtime (XL) Battery Expansion: The XL battery expansion port allows for the addition of multiple battery packs to increase back-up time.

RM/T Configuration: The PR series can be configured in either a Tower or a Rackmount (2U) form.

Full AVR: Boost/Buck topology will both increase low voltages and decrease high voltages, without switching to battery-mode. This conserves battery life, and delivers a more stable signal to your connected equipment.

Critical Load Outlets: Prioritize the uptime of mission-critical loads during a power failure with critical load outlets that ensure power to selected systems during an extended blackout, preserving battery uptime for more critical equipment.

GreenPower UPS™ technology: Patented GreenPower UPS advanced circuitry reduces UPS energy costs by up to 75% compared to competitive models.

EMI/RFI Filters: Shielding against electromagnetic interference and radio frequency signals prevents line noise ("humming") over telephone lines or audio systems.

Audible Alarms: Distinctive tones identify when the unit is running on battery power, if it is overloaded or when the battery is low.

Resettable Circuit Breaker: The user may use this convenient unit reset switch in case of an overload.

Dual PC Support: The Smart App Sinewave UPS has two (2) serial communication ports and 1 USB port to connect two PCs or servers, giving the user full control and the ability to prioritize their operation.

Multi-function Rotatable LCD Display: UPS battery status and power conditions are easily viewed on this Crystal Blue readout when the UPS is rack mounted or standing as a tower.

PowerPanel® Business Edition UPS Management Software: This software suite manages the power for all servers and computers supported by the UPS on a network. Features include application/OS shutdown, event logging (power, surge, and voltage variations), hibernation mode, internal reports and analysis, as well as remote management capability for comprehensive power control.

Technical Support: CyberPower assists users with any product, installation, or warranty concerns free of charge.

3-Year Warranty: Stringent manufacturing processes and innovative product design enables CyberPower to offer one of the strongest warranties in our industry.

ISO and Safety Certifications: All CyberPower manufacturing facilities are state-of-the-art and ISO-9001 Quality Tested. Our products are certified by the FCC, cUL, and UL.

Windows Compatibility: PowerPanel® power management software has been fully tested and is compatible with Windows 2000, 2003, XP 32/64, Vista 32/64, 7, and Server 2008.

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PR2200LCDRTXL2U SPECIFICATIONS

GENERAL	
UPS Topology	Line-Interactive (AVR)
Energy Saving	GreenPower UPS™ Bypass Technology
INPUT	
Voltage	80Vac - 150Vac
Frequency	50Hz/60 Hz +/- 3 Hz
Plug Type	NEMA 5-20P
Plug Style	Right angle, 45 degree offset to the right
Cord Length	10'
OUTPUT	
VA	2150
Watts	1650
Automatic Voltage Regulation	Yes
On Battery Voltage	120Vac +/- 5%
On Battery Frequency	50/60Hz +/- .5%
On Battery Waveform	Sine Wave
Outlets - Total	8
Outlet Type	NEMA 5-20R
Outlets - Battery & Surge Protected	8
Outlets - Surge-Only Protected	0
Outlets - Widely Spaced	0
Outlets - Critical Load	4
Overload Protection	Internal circuitry limiting / circuit breaker
Transfer Time	4ms
BATTERY	
Runtime at Half Load (min)	14
Runtime at Full Load (min)	5
Extended Runtimes Available	Yes, with optional BP48V75ART2U Battery Pack
Battery Type	Sealed lead acid
Battery Size	12V/9AH
User Replaceable	Yes
Hot Swappable	Yes
Typical Recharge Time	8 Hours
Replacement Battery	BB Battery - HR9-12
Battery Quantity	4

SURGE PROTECTION AND FILTERING	
Surge Suppression	2,060 Joules
Phone / Ethernet RJ11 / RJ45	1-In, 1-Out (Combo)
Coax Protection RG6	1-In, 1-Out
EMI/RFI Filtration	Yes
MANAGEMENT & COMMUNICATIONS	
HID Compliant USB Port	Yes
Serial Port	Yes (2x)
LED Indicators	Power on, wiring fault
Audible Alarms	On battery, low battery, overload
Software	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes, with optional RMCARD202
AS400 Management	None
Emergency Power Off (EPO) Port	Yes
PHYSICAL	
Dimensions (WxHxD)	17.25" x 3.5" x 19.5"
Rack Size	2U
Weight (lbs)	76
CERTIFICATIONS	
Certifications	UL1778, cUL 107.1, FCC DOC Class B
RoHS Compliant	ROHS Compliant
WARRANTY	
Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	$400,000

CyberPower Systems, Inc. designs and manufactures state-of-the-art power protection and distribution equipment for corporate, business, home, government and educational markets. CyberPower leads the industry by surpassing customer expectations in the development, design, construction, durability and functionality of uninterruptible power supply (UPS) products for computers, peripherals and connected devices. CyberPower Systems operates in the Asian Pacific, North American, and European markets. For additional information, including sales office locations and authorized reseller partners, visit cpsww.com.

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